

On the Grain Growth by Strain-Anneal in Cold
Rolled Silicon-Iron Sheet, by H. Nakas,
H. Yamamura.
JAPANESE, per, Nippon Kinzoku, Vol 32, No 4,
1968, p 6.
HISI 6561

Sci/Mat
Dec 68

354,444

The Formation of Cube Texture in a 50% Ni-50%
Fe Alloy, by H. Nakao, A. Okada.
JAPANESE, per, Nippon Kinzoku, Vol 32,
No 4, 1968, pp 368-374.
BISI 6586

Sci/Materials
Jan 69

353,163

Study of the Phase Analysis of Vanadium in Steel,
by K. Kawamura, et al.
JAPANESE, per, Nippon Kinzoku, Vol 32, No 4,
1968, pp 375-378.
BISI 6857

Sci-Mat
May 69

382,442

Decomposition Reaction of Fused NaCN and NaCNO a
Salts and its Relation to the Nitriding of
Steel, by K. Nishida, Y. Tanaka.
JAPANESE, per, Nippon Kinzoku, Vol 32, No 5,
1968, pp 435-440 (adapted)
BISI 7008

sci/ Materials
sept 69

390,955

A Study of the Blue-Brittle Behaviour of a Mild
Steel in Torsional Deformation, by G. Hira,

F. Inoko.

JAPANESE, per, Nippon Kinsoku, Vol 32, No 5, 1968
pp 453-458.

REST 7134

sci/ materials

oct 69

394,279

The Temperature Dependence of the Impact Extrusion
Punch Pressure of Carbon Steels in γ Range,
by M. Ishii,
JAPANESE, per, Nippon Kinzoku, Vol 32, No 5,
pp 464-469 - adapted.
BISI 6806

Sci-Met

382, 45.3

MAY 1969

Fluorescent X-Ray Analysis of FeNi, FeMo, FeCr,
FeSi-Al, FeMn, and CaSi, by A. Tsurukamoto.
JAPANESE, per, Nippon Kingoku. Vol 32, No 5.
1968, pp 473-478.
*HB 7511

Sci-Mat
Sep 68

T-T-Curve of 0.42% C Steel in Deformation Quenching
Treatment, by S. Yamada, et al.
JAPANESE, per, Nippon Kinzoku, Vol 32, No 5, 1968
pp 487-492.
LIT 7149

sci/ materials
sept 69

393,020

On the Mechanism of Precipitation Hardening in
Fe-Ni-Ti Alloy, by Z. Hemmi.
JAPANESE, per, Nippon Kinzoku, Vol 32, No 6, 1968,
pp 498-503.
BISI 6937

Sci/Mat
July 69

387-245

On the Mechanism of Precipitation Hardening in
Fe-Ni-Cr-Ti Alloy, by Z. Henmi.
JAPANESE, per, Nippon Kinzoku, Vol32, No 6, 1968,
pp 504-509.
BISI 6937

Sci/Mat
July 69

387-246

Identification of Initial Oxide Films on 18-8
Stainless Steel, by Y. Tsuji, et al.

JAPANESE, per, Nippon Kinzoku, Vol ~~5~~ No 6, 1968
pp 577-580.

*BISI 7179

Sci-Mat
May 69

On the Behaviour of Alloying Elements in Steel S
Subjected to Carburizing Gas Atmosphere. 2nd
Report on Studies on an Abnormal Layer at a Gas
Carburized Surface, by M. Ishihara, S. Kakuwa.
JAPANESE, per, Nippon Kinzoku, Vol 32, No 8,
1968, pp 745-751.
BISI 7172

sci/ materials
sept 69

390,924

Determination of Oxide Inclusions in Rimmed Steel
Ingots after Classification According to Size, by
O. Kammarie, et al.

JAPANESE, per, Nippon Kinsoku, Vol 32, No 8,
1968, pp 773-778.

*BISI 8946

sci/mat
feb 71

Quantitative Investigation on the Trace Amounts of
Boron Nitride in the Residues Extracted From Steel
by Means of Infrared Spectrometry, by O. Kammori.
JAPANESE, per, Nippon Kinzoku, Vol 32, No 8, 1968
pp 779-789
BISI 7449

sci /materials

nov 69

397,309

Heat Resistance at Mould-Ingot Interface, by
Y. Nishida, S. Suzuki.
JAPANESE, per, Nippon Kinzoku, Vol 32, No 9,
1968, pp 882-886.
BISI 7371

sci/materials
jan 70

400,947
399,

On the Determination of Micro Amounts of Niobium
in Iron and Steel by the Spectrophotometric
Method, by T. Sakaki,
JAPANESE, per. Nippon Kinzoku, Vol 32, No.9, 1968,
pp 913-918,
BIBI 7409

Sci/Mat
Mar 70

404,054

On the Tempered Structure of Worked and Quenched
0.47% Carbon Steel, by N. Nakamura, et al,
JMSAISEN, per. Nippon Kinzoku, Vol 32, No 11,
1968, pp 1043-1046.
BIBI 7496

Sci/Int
Apr 70

405,797

Study of Gas Boronizing by BCl_3 With Argon or
Nitrogen Serving as Carriers, by T. Katagiri,
JAPANESE, per, Nippon Kinzoku, Vol 32, No 12,
1968, pp 1245-1249.
*IB 7936

sci/ materials
nov 69

On the High Temperature Strength of Ausformed
Tool Steel Containing 9% $\pm$ 2.5%Cr, by
H. Tokai, et al.
JAPANESE, par, Nippon Kinzoku, Vol 32, No 12,
1968, pp 1270-1275.
DISI 7689

sci/materials
s jan 70

399,907

On the Spacing of the Secondary Dendrite Arms in
Commercial Carbon Steels with Different Carbon
Contents, by A. Suzuki.
JAPANESE, per, Nippon Kinzoku, Vol 32, No 12, 1968,
pp 1301-1305.
*HB 7804

Sci/Mat
July 69

Effect of Hydrostatic Pressure Treatment of
Mechanical Properties of Heat-Treated Chromium-
Molybdenum Steel, by N. Kanetaka, et al.,
JAPANESE, per. Nippon Kinzoku, Vol 33, No 1,
1969.
BISI 7771

Sci/Mat
Apr 70

406,671

Curling of Cold-Rolled Thin Strips, by E. Tanaka.
JAPANESE, per. Nippon Kinsoku, Vol 33, No 1, 1969,
pp 4-9.
BISI 7773

Sci/Mat
May 70

Studies on the Reduction of Iron Oxide by Hydrogen
Gas with Differential Thermal Analysis, by
T. Yanagase,
JAPANESE, per, Nippon Kinzoku, Vol 33, No 1, 1969,
pp 76-82.
BISI 8202

Sci-Mat
Jul 70

On the Generating Mechanism of Residual Stresses
in Carburized and Quenched Steel and its
Mechanical Properties, by H. Motoyama, G.
S. Yonetani.

JAPANESE, per, Nippon Kinzoku, Vol 33, No 1,
1969, pp 103-109.

*HISI 7630-1

sci/ materials
oct 69

On the Influence of Tempering and Hydrostatic
Pressure on the Residual Stress of Carburized
and Quenched Steel, by M. Hotoyama, S. Yamotani.
JAPANESE, per, Nippon Kinzoku, Vol 33, No 1,
1969, pp 109-115.
*BISI 7630-2

sci/ materials
oct 69

On the Effect of Isothermal Hardening and Size
on the Residual Stress of Carburized and Quenched
Steel, by M. Motoyama, S. Yonetani.

JAPANESE, per, Nippon Kinzoku, Vol 33, No 1,
1969, pp 115-120.

*BISI 7630-3

sci/ materials
oct 69

On the NRL Drop Weight Test for Multi-Run Mild
Steel Weld Metal, by S. Miyoshi, et al.,
JAPANESE, per. Nippon Kinzoku, Vol 33, No 2,
1969, pp 143-147.
BIS: TTT5

Sci/Mat
Apr 70

405,822

Unusual Etch Pits on Rolled and Subsequently
Annealed 3% Silicon Iron Sheets, by Y. Miyoshi
and H. Nakae,
JAPANESE, per. Nippon Kinzoku, Vol 33, No 2,
1969, pp 157-162. (adapted)
BISI 8778

Jul 71

The Influence of Third Elements on the Structure of
Unidirectionally Frozen Metastable Iron-Carbon Alloys,
by M. Ibaraki,
JAPANESE, per. Nippon Kinsoku, Vol 33, No 2, 1969,
pp 214-219.
BIBI 8255

Sci/Mat
Aug 70

Impedance Measurement of Stainless Steel
under Potentiostatic Polarization, by
H. Shiobara,
JAPANESE, per. Nippon Kinzoku, Vol 33, No 2,
1969, pp 239-243.
BISI 7873

Sci/Mat
Sep 70

Analytical Study of Solidification and Microsegregation for Columnar Crystal, by I. Hagiwara, and M. Kudo, JAPANESE, per. Nippon Kinzoku, Vol 33 No 2, 1969, pp 249-253.
BISI 8246

Jun 71

The Reduction of Fayalite by Hydrogen, by
T. Yamagihara
JAPANESE, per, Nippon Kinzoku, Vol 33, No 3,
1969, pp 139-143.
*BTSE 8010

sci/materials
feb 70

The Reduction of Fayalite by Hydrogen, by
T. Yacagihara and T. Kobayashi,
JAPANESE, per. Nippon Kinzoku, Vol 33, No 3, 1969,
pp 314-317.
BISI 8010

Sci/Mat
Aug 70

Transmission Electron Microscope Observation of
(α)-Phase in Titanium - 5% Iron Alloy, by R. Oshio,
JAPANESE, per. Nippon Kinsaku, Vol 33, No 4, 1969,
pp 437-442.
BISI 7855

Sci/Mat
Apr 70

405,803

Effect of the Strain Rate on Tensile Properties of a Low Carbon Steel, by G. Mima, JAPANESE, per. Nippon Kinzoku, Vol 33, No 5, 1969, pp 531-536.
BISI 8379

Sci/Mat
Sep 70

The Effects of Sulphur on the Recrystallization
of Cold Rolled 3.17% Al-Fe Alloy Sheet,
by E. Nakae and N. Goshi,
JAPANESE, per. Hippon Kinzoku, Vol 33, No 5,
1969, pp 553-557.
RISI 7916

Sci/Mat
Mar 70

404,206

Decarburization of Low Ni and Cr Cast Iron, by
A. Kondo, S. Doi.

JAPANESE, per, Nippon Kinzoku, Vol 33, No 6,
1969, pp 646-650.

BISI 8050

Sci-Mat
June 70

On Changes of the Microstructure of Hypoeutectoid
Carbon Steel by Thermal Cycling, by H. Miura.
JAPANESE, par, Nippon Kinsoku, Vol 33, No 6,
1969, pp 693-698.
BISI 8052

Sci-Mat
Sep 70

Formation of Pancake Grain Structure in a
Low Carbon, Aluminium and Calcium Deoxidized
Steel, by N. Otoy and Y. Kataura,
JAPANESE, per. Nippon Kinzoku, Vol 33,
No 6, 1969, pp 736-742.
BISI 8028

Sci/Mat
Jan 71

Relationship Between Stress Corrosion Cracking
and Crystal Orientation of 18-8 Steel, by

N. Ohtani, et al.

JAPANESE, per, Nippon Kinzoku, Vol 33, No 7,
1969, pp 781-785.

*HB 7941

sci/materials

nov 69

Nitrogen Damping Peaks of Iron Alloys Containing
Tungsten, by K. Soana, Tsuchiya.

JAPANESE, per, Nippon Kinzoku, Vol 33, No 7,
1969, pp 786-790.

BISI 8267

Sci-Mat
Sep 70

On the Rust Layer of Low-Alloy Steel, by R.
Todoroki and S. Kado,
JAPANESE, per. Nippon Kinzoku, Vol 33, No 7, 1969,
pp 806-810.
WBISI 8121

Sci/Nat
Apr 70

Corrosion Characteristics of Low-Alloy Steel in
98% Sulphuric Acid, by R. Todoroki and S. Kado,
JAPANESE, per. Nippon Kinzoku, Vol 33, July,
1969, pp 810-815.
BISI 8475

An X-Ray Study on the Absorption of Hydrogen
in Austenitic Stainless Steels, by
K. Kamachi,
JAPANESE, per. Nippon Kinzoku, Vol 33,
No 7, 1969, pp 824-829.
BISI 8120

Sci/Mat
Sep 70

Cast Structure of Aluminium Ingot Solidified
Under High Pressure, by A. Suzuki and J.
Nakamura,
JAPANESE, per. Nippon Kinzoku, Vol 33, No 7,
1969, pp 830-833.
BISI 8245

On the Origin of Coarse Equiaxed Grain in AL-
0.2% Cu Alloy Ingots Solidified Under High
Pressure, by A. Suzuki,
JAPANESE, per. Nippon Kinzoku, Vol 33, No 7,
1969, pp 834-839.
BISI 8247

Jun 71

Quantitative Study of Microsegregation in a
Low-Alloy Steel Ingot, by A. Suzuki,
JAPANESE, per. Nippon Kinzoku, Vol 33, No 7,
1969, pp 839-844.
BISI 8344

Study of Wire Rod Rolling by the Three-Roll System,
by I. Gokyn, et al.

JAPANESE, per, Nippon Kinzoku, Vol 33, No 8,
1969, pp 889-893.

HISI 8842

sci/mat
Feb 71

Amplitude Dependent Internal Friction of Iron
Containing Small Amounts of Carbon and Nitrogen,
by K. Furusawa and K. Tanaka,
JAPANESE, per. Nippon Kinōku Vol 33, No 9,
1969, pp 985-991.
BISI 8274

Jun 71

On the Relationship Between the Tensile
Properties and Precipitation Temperature
of A Nb- Added Carbon Steel, by K. Nishida,
JAPANESE, per. Nippon Kinzoku, Vol 33,
No 9, 1969, pp 1077-1083.
BISI 8277

Mar 71

Hydrochloric Acid Treatment of Fayalite and Its
Hydrogen Reduction Product for the Extraction
of Iron, by T. Yanagihara.

JAPANESE, per, Nippon Kinzoku, Vol 33, No 9,
1969, pp 1083-1086.

*BI3I 8336

Sci-Mat
June 70

Determination of Niobium in Iron and Steel
by Extraction Spectrophotometry, by
T. Sakaki,
JAPANESE, per. Nippon Kinzoku, Vol 33, No 9,
1969, pp 1092-1098.
BISI 8272

Mar 71

Ellipsometric Thickness Measurements of Hydrated
Circulosa Oxide Film on Tin Free Steels, by
H. Uchida, et al.
JAPANESE, par, Nippon Kinsoku, Vol 33, 1969,
pp 1286-1290.
HISI 8512

sci/nst
jan 71

Dehydration of Hydrated Chromium Oxide Film on
Tin Free Steel, by H. Uchida, et al.
JAPANESE, per, Nippon Kinsoku, Vol 33, 1969,
pp 1290-1295.
RISI 8511

sci/mat
jan 71

Structure of Hydrated Chromium Oxide Film on Tin
Free Steels, by H. Uchida.

JAPANESE, per, Nippon Kinzoku, Vol 33, No 11,
1969, pp 1295-1299.

*BISI 8509

Sci-Mat

Sep 70

Elastic Anisotropy and Its Temperature Dependence
in Single Crystals of 63% Fe-32% Ni-5% Co Alloy
(Super-Invar), by H. Masumoto, et al.
JAPANESE, per, Nippon Kinzoku, Vol 33, No 11,
1969, pp 1299-1303.
BISI 8360

Sci-Mat
Sep 70

Effects of Hot-Working Conditions on Cold
Rolled and Annealed Textures of Low Carbon
Steel Sheets, by I. Gokyu,
JAPANESE, per. Nippon Kinzoku, Vol 33, No 11,
1969, pp 1303-1309.
BISI 8524

The Miscibility Gap in the Iron-Chromium-
Vanadium Ternary System, by G. Mima and
M. Yamaguchi,
JAPANESE, per. Nippon Kinzoku, Vol 33, No 11,
1969, pp 1308-1313. (Revised)
BISI 8460

Mar y71

Effect of Oxidation Rate and Addition of Cu^{2+}
or PO_3^{3-} Ions on the Oxidation of Fe (II)
Hydroxo-Complexes in Aqueous Solutions, by
T. Misawa,
JAPANESE, per. Nippon Kinzoku, Vol 33, No 12,
1969, pp 1424-1431.
BISI 8485

June 71

Precipitation Behaviour of Nitrides in Aluminium-Killed Low Carbon Steels, by
Y. Sakamoto,
JAPANESE, PER. Nippon Kinzoku, Vol 34, No 1,
1970, pp 71-78.
BISI 8366

The Decrease of Yield Stress Due to the Bausch-
inger Effect, by I. Gokyu and T. Ishi,
JAPANESE, per. Nippon Kinzoku, Vol 34, No 2,
1970, pp 161-165.
BISI 8868

[illegible]

THE

Directionality of Hydrogen Embrittlement in
Hot-Rolled Steel Plate, by K. Onishi,
JAPANESE, per. Nippon Kinzoku, Vol 34, No 2,
1970, pp 215-221.
BISI 9863

Effect of Cooling Rate on A₁ Transformation
Temperatures of Iron and Iron-Nickel Binary
Alloys, by M. Izumiyama,
JAPANESE, per. Nippon Kinzoku, Vol 34, No 3,
1970, pp 286-291.
BISI 9204

Aug 71

Effects of Alloying Elements on the Supercooled
A₃ Transformation of Iron, by M. Izumiyama,
JAPANESE, per. Nippon Kinzoku, Vol 34, No 3,
1970, pp 291-295.
BISI 9205

Jul 71

The Effect of Sulphur on Grain Growth of 3.25%
Si-Fe Sheets, by K. Tagashira,
JAPANESE, per. Nippon Kinzoku, Vol 34, No 3, 197
pp 333-337.
BISI 8961

June 11

Gas Carburization of Case Hardening Steel Con-
taining Molybdenum, by S. Seo,
JAPANESE, per. Nippon Kinzoku, Vol 34, No 6,
1970, pp 576-580.
BSI 9135

June 71

Interdiffusion in - Solid Solution of the
Fe-Al System by Al Vapour, by K. Nishida,
JAPANESE, per. Nippon Kinzoku, Vol 34, 1970,
pp 591-
BISI 9201

Jul 71

Phase changes in 25Cr - 20 Ni Heat Resisting
steels, by K. Kumada and H. Tatsumoto,
JAPANESE, per. Nippon Kinzoku, Vol 34, No 7,
1970, pp 706-711.
CISI 9146

June 71

M. Asawa

Stress corrosion cracking of 18/8 austenitic stainless steel in sulphuric acid containing sodium chloride.

JAPANESE, per, Nippon Kinzoku, Vol. 34, No 8, 1970, pp 871-877

BISI trans 9453

July 72

Auto-Corrosion Design of Pipelines, by S.
Takiguchi,
JAPANESE, per. Nippon Kinzoku, Vol 40, No 12,
1970, pp84-89.
BISI 9045

H. Kichinosuke

Application of Lasers on Spectroscopic Analysis.
JAPANESE, per, Nihon Kinzoku Gakkai Kaiho, Vol 10,
No 3, 1971, pp 149-155,
NIC 72-13744-208

NASA TTR 14,010

Nov 72

Stress Corrosion Cracking of Austenitic
Stainless Steels in High Temperature Water, by
N. Okazaki, et al.

JAPANESE, per, Nihon Kinsoku Gakkaishi, No 29,
1965, pp 340-345.

NLL Ref: 9022.09 (4730)

Sci/Mat
May 69

380,982

Corrosion Resistance of Ti in Hot Concentrated
Chloride Solutions, by T. Shimose,

A. Takamura.

JAPANESE, per, Nihon Kinzoku Gakkai-shi, Vol
29, No 4, 1965, pp 416-421.

NASA TT F-11,177

Sc-Chem

Nov 54 67

344,662

Ageing Mechanism of Very Hard Sintered Tungsten
Carbide-Cobalt Alloys, by H. Suzuki, et al.
JAPANESE, per, Nippon Kinzoku Gakkaishi, Vol 29,
1965, pp 467-471.
NTC 71-13767-11F

Feb 72

The Structure of Oxide Films Formed on the
Surface of Zr, by Tadyuki Nakayama,
JAPANESE, per, Nippon Kinzoku Gakkaishi, V1
XXIX, 1965, pp 472-478.
ABC WAPD-tr-35

Sci-Materials
Nov 66

313,903

Rate of Hydrogen Absorption by Copper, by
S. Imoto. 17 pp.
JAPANESE, per, Nippon Kinsoku Gakkaishi, Vol
20, 1966, pp 221-224.
AEC-UCRL-Trans-10380

Sci-Mat
Nov 70

Properties of High Strength and High Conductivity Cu-Zr Alloys Having High Zr Contents, by Masataka Sugiyama.

JAPANESE, per, Nippon Kozoku Gakkaishi, Vol 30, No 1, 1966, pp 32-37.
Chem Trans Sv 3078

326,309

Sci - Chemistry
May 67

Concentration Dependence on the Chemical
Diffusion Coefficient in α Alpha-Solid
Solution of the Fe-Si System, by

H. Mitani, 6 pp.

JAPANESE, per, Nippon Kinzoku Gakkaishi,
30, 1966, pp. 56-61.

*Nat. Bur. Stand. TT 70-57182

Sci/chem
May 70

Studies of Hard Superconductors. Part 1.
Superconducting Properties of Nb-Zr-Ti
Ternary Alloys, by T. Doi.
JAPANESE, per, Nippon Kinsoku Gakkaishi,
Vol 30, No 2, 1966, pp 133-138.
ATS JS-147

Sci-Phys
Feb 69

373,850

Studies of Hard Superconductors, Part 2.
Studies of the Equilibrium Phase Diagram of
the Ternary Nb-Zr-Ti System, by T. Doi.
JAPANESE, per, Nippon Kinzoku Gakkaishi,
Vol 30, No 2, 1966, pp 139-145.
ATS JS-148

Sci-Phys
Feb 69

373,851

The Ageing Process of Cu-Cr Alloys, by S.
Nishikawa.

JAPANESE, per, Nippon Kinsoku Gakkaishi,
Vol 30, No 3, 1966, pp 302-307.
Chem Trans Sv 3079

346,310

Sci - Chemistry
May 67

Yield of Sulphur and the Influence of Sulphur on
the Magnetic Properties of Ti-Containing High-
Coercive Force Alnico Magnetic Alloys with
Sulphur, by Y. Kamata, S. Chikamatsu.
JAPANESE, par. Nihon Kinzoku Gakkaishi, Vol 30,
No 4, 1966, pp 313-317.
NLL Ref: 9022.4 (67/301)

Sol.-Chem
Aug 68

363,608

The Anionic Behavior of Copper in Aqueous NaCl
Solutions, by H. Sugawara, S. Shimodaira.
JAPANESE, per, Nippon Kinzoku Gakkaishi,
Vol 30, No 8, 1966, pp 765-769.
NTC-69-15739-11F

Sci-Materials
Feb 70

402,916

Diffusion of Carbon in Tantalum, by P. Son,
S. Ihara, 10 pp
JAPANESE, per, Nippon Kinzoku Gakkaishi, Vol
30, 1966, pp 1137-1140. P911354267
ADC LA-Ti-67-71

Sci-Materials
Nov 67

344,265

Microscopic Observations of Hydrogen
Evolution from the Steel Surface. (1)
Observations of Hydrogen Evolved from
the Steel Surface, by H. Shimoda, 6pp
JAPANESE, per, Nippon Kinzoku Gakkaishi
31, 1967, pp. 54-59.
#70-57190

Sci/chem
May 70

Sintering of Wc Powder and Wc-Co Mixed
Powder under High Pressure, by K. Kudaka
6 pp.
JAPANESE, per, Nippon Kinzoku Gakkaishi,
31, 1967, pp. 177-182.
*Nat. Bur. Stand. TT 70-57179

Sci/chem
May 70

Study of Boron Impregnation of Steel Surfaces
by BH_3-NaOH , by A. Muta.

JAPANESE, per, Nippon Kinzoku Gakkai, Vol 31,
No 3, 1967, pp 296-300.

HB 7347

Sci-Mat

Mar 68

349,305

Internal Friction of Fe-Co-N and Fe-Ni-N
Alloys, by K. Soeno, 6pp.
JAPANESE, per, Nippon Kinzoku Gakkaishi,
31, 1967, pp. 305-310.
*CFSTI TT 70-57191

Sci/chem
May 70

Diffusion of Hydrogen in Aluminum, by Shigeru Matsuo,
Toshiya Hirata, 17 pp.
JAPANESE, per, Nippon Kinzoku Gakkaishi, Vol 31(4),
1967, pp 590-593.
AEC/UCRL/Tr-10365-69

Sci/Chem
Sept 69

392,233

Internal Oxidation of Nickel Alloys Containing
Small Amounts of Chromium, by Shoji Goto, 25 pp.
JAPANESE, per, Nihon Kinzoku Gakkaishi, Vol 31,
No 4, 1967, pp 600-606.
AEC/SC-T-71-3004

Sci/Mator
Mar 71

High-Temperature Strength of Tungsten Fiber
Reinforced Aluminum Composites, Report No.
9 on Microstructure and Mechanical Properties,
by I. Miura and H. Honma,
JAPANESE, per. Nippon Kinzoku Gakkai-Shi,
Vol 31, No 5, 1967, pp 607-610.
HB 8120

Sci/Mat
Sep 70

Defect Structure of Nonstoichiometric TiO
and VO Phases, by Sakae Takeuchi.

SECRET

JAPANESE, per, Nippon Kinzoku Gakkuishi,
Vol 31, No 5, 1967, pp 611-617.

MIT/LIN

(184)-68-319-JALL

Dec 68

354,714

Investigation of the Growth of Bainite in Fe-Ni-C
Alloys by Hot-Stage Microscopy, by H. Yada. T. Ooka.
JAPANESE, per, Nippon Kinzoku Gakkaishi, Vol 31,
1967, pp 766-771. P911200768-V
AEC-UCRL-Trans-10241

Sci-Chem
Aug 68

364,567

Diffusion of Carbon in Niobium, by P. Son.
JAPANESE, per, Nippon Kingoku Gakkaishi, Vol 31,
1967, pp 998-1001.
*CFSTI TT 70-57171

Sci-Chem
June 70

The Effect of Ni on the Solubility and
Diffusion of Nitrogen in Alpha-Iron, by
Y. Imai, 6 pp.
JAPANESE, per, Nippon Kinzoku Gakkaishi,
31, 1967, pp. 1095-1100.
*Nat. Bur. Stand. TT 70-57176

Sci/chem
May 70

Densities of Pure Iron, Cobalt and Nickel in the
Molten State, by T. Saito, 17 pp.
JAPANESE, per, Nippon Kinzaku Gakkai-Shi, Vol 31,
No 10, 1967, pp 1140-1144.
AEC/UCRL-Tr-10496-70

Sci/Mater
Dec 70

Kirkendall Diffusion in Alpha-Solid Solution of the
Fe-S System, by H. Mitani.

JAPANESE, per, Nippon Kinzoku Gakkaishi, Vol 31,
1967, pp 1341-1344.

*CFSTI TT 70-57174

Sci-Chem
June 70

Some Properties of Sintered WC-Co-10% Co
Alloys, by H. Suzuki
JAPANESE, per, Nippon Kinzoku Gakkai, Vol 31,
No 12, 1967, pp 1368-1373.
HB 7432

Sci-Materials
Aug 68

362,105